



09-08-05

ITW

Docket No. OPT-02-004

Response to Office Action

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Glen F. Chatfield and Roy D. Houston  
Serial No.: 10/663,862  
Filed: September 16, 2003  
For: Signal Conditioner and User Interface

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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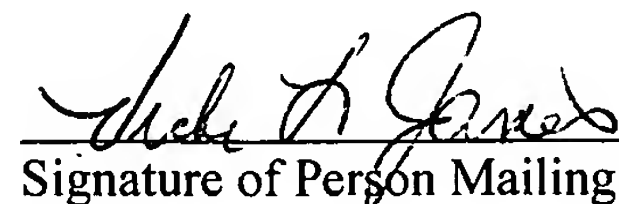
I hereby state the following papers are attached hereto:

Response to Office Action ( 21 pages).

Which are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to: Mail Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vicki L. James

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Signature of Person Mailing Paper



PATENT  
OPT-02-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 3747

Examiner: W. Wolfe, Jr.

In re Application:  
Chatfield et al.

Serial No.: 10/663,862

Filing Date: September 16, 2003

SIGNAL CONDITIONER  
AND USER INTERFACE

RESPONSE TO OFFICE ACTION

Pittsburgh, Pennsylvania 15235

September 6, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated August 16, 2005 (the "Office Action") and to place the above captioned application (the "Subject Application") in better condition for allowance, Applicants resubmit the amendments submitted August 6, 2005 with the new claims marked "(new)" below and request that the Examiner amend the specification and claims as indicated herein.